



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Richardson et al.

**Serial No.:** 10/074,598

**Filed:** February 11, 2002

**For:** NETWORK AND TOPOLOGY FOR  
IDENTIFYING, LOCATING AND  
QUANTIFYING PHYSICAL  
PHENOMENA, SYSTEMS AND  
METHODS FOR EMPLOYING SAME

**Confirmation No.:** 4842

**Examiner:** M. Noori

**Group Art Unit:** 2855

**Attorney Docket No.:** B-106

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

7/28/2004  
Date

Mandy Landon  
Signature

Mandy Landon  
Name (Type/Print)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the document listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. A copy of the listed document is enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an

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admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
3,740,522	06/19/1973	Muehlberger
4,092,950	06/06/1978	Hart
4,340,010	07/20/1982	Hart
4,514,443	04/30/1985	Hostecki
4,661,682	04/28/1987	Gruner et al.
4,704,985	11/10/1987	Rubinstein
4,774,905	10/04/1985	Nobis
4,853,515	08/01/1989	Willen et al.
5,024,423	06/18/1991	Matsumoto et al.
5,181,962	01/26/1993	Hart
5,185,183	02/09/1993	Gonda et al.
5,412,173	05/02/1995	Muehlberger
5,573,814	11/12/1996	Donovan
5,951,761	09/14/1999	Edstrom
6,058,978	05/09/2000	Paletta et al.
6,197,168	03/06/2001	Matsunaga et al.
US - 2003/0161946 A1	08/28/2003	Moore et al.

Foreign Patent Documents

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
DE 3740498 A1	06/08/1989	Stefens
JP 2002060923 A	02/28/2002	Masakatsu et al.
JP 85018462 B	05/10/1985	Kiyoshi et al.

Applicants offer to supply any explanation or discussion of the document which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

The fee pursuant to 37 C.F.R. § 1.17(p) is enclosed.

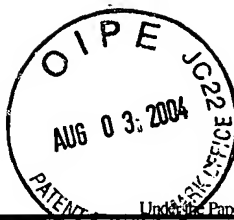
Respectfully submitted,



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Fax: (208) 526-8339

Date: 28 July 2004  
SRC/dlm

Enclosures: Form PTO-1449 or PTO/SB/08  
Copy of documents cited



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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet  of

Complete if Known

Application Number	10/074,598
Filing Date	February 11, 2002
First Named Inventor	Richardson et al.
Group Art Unit	2855
Examiner Name	M. Noori
Attorney Docket Number	B-106

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 3,740,522	06/19/1973	Muehlberger	
		US- 4,092,950	06/06/1978	Hart	
		US- 4,340,010	07/20/1982	Hart	
		US- 4,514,443	04/30/1985	Kostecki	
		US- 4,661,682	04/28/1987	Gruner et al.	
		US- 4,704,985	11/10/1987	Rubinstein	
		US- 4,774,905	10/04/1985	Nobis	
		US- 4,853,515	08/01/1989	Willen et al.	
		US- 5,024,423	06/1991	Matsumoto et al.	
		US- 5,181,962	01/26/1993	Hart	
		US- 5,185,183	02/09/1993	Gonda et al.	
		US- 5,412,173	05/02/1995	Muehlberger	
		US- 5,573,814	11/12/1996	Donovan	
		US- 5,951,761	09/14/1999	Edstrom	
		US- 6,058,978	05/09/2000	Paletta et al.	
		US- 6,197,168	03/06/2001	Matsunaga et al.	
		US-2003/0161946 A1	08/28/2003	Moore et al.	
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 3740498 A1	06/08/1989	Stefens		X
		JP 2002060923 A	02/28/2002	Masakatsu et al.		X
		JP 85018462 B	05/10/1985	Kiyoshi et al.		X

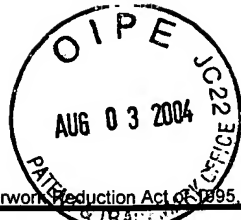
Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/17 (10-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number	10/074,598
Filing Date	02/11/2002
First Named Inventor	Richardson et al
Examiner Name	M. Noore
Group Art Unit	2855
Attorney Docket No.	B-106

TOTAL AMOUNT OF PAYMENT (\$ ) 180.00

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **05-0565**  
Deposit Account Name

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201 370	Utility filing fee	
106	330	206 165	Design filing fee	
107	510	207 255	Plant filing fee	
108	740	208 370	Reissue filing fee	
114	160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ )

### 2. EXTRA CLAIM FEES

	Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims		-20** =	18.00	
Multiple Dependent		-3** =	86.00	

	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9	Claims in excess of 20
102	84	202 42	Independent claims in excess of 3
104	280	204 140	Multiple dependent claim, if not paid
109	84	209 42	** Reissue independent claims over original patent
110	18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ )

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity (\$)	Fee Code	Small Entity (\$)	Fee Description	Fee Paid
105	130	205 65		Surcharge - late filing fee or oath	
127	50	227 25		Surcharge - late provisional filing fee or cover sheet	
139	130	139 130		Non-English specification	
147	2,520	147 2,520		For filing a request for <i>ex parte</i> reexamination	
112	920*	112 920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840*		Requesting publication of SIR after Examiner action	
115	110	215 55		Extension for reply within first month	
116	400	216 200		Extension for reply within second month	
117	920	217 460		Extension for reply within third month	
118	1,440	218 720		Extension for reply within fourth month	
128	1,960	228 980		Extension for reply within fifth month	
119	320	219 160		Notice of Appeal	
120	320	220 160		Filing a brief in support of an appeal	
121	280	221 140		Request for oral hearing	
138	1,510	138 1,510		Petition to institute a public use proceeding	
140	110	240 55		Petition to revive - unavoidable	
141	1,280	241 640		Petition to revive - unintentional	
142	1,280	242 640		Utility issue fee (or reissue)	
143	460	243 230		Design issue fee	
144	620	244 310		Plant issue fee	
122	130	122 130		Petitions to the Commissioner	
123	50	123 50		Processing fee under 37 CFR 1.17(q)	
126	180	126 180		Submission of Information Disclosure Stmt	180.00
581	40	581 40		Recording each patent assignment per property (times number of properties)	
146	740	246 370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 370		For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 370		Request for Continued Examination (RCE)	
169	900	169 900		Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 180.00

## SUBMITTED BY

Name (Print/Type) **Stephen R. Christian**

Registration No. (Attorney/Agent) **32,687**

## Complete (if applicable)

Telephone **208-526-9140**

Signature

Date **28 July 2002**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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